

WHAT IS CLAIMED IS:

1. A water-handling system comprising:

a platform configured to receive at least one water bottle standing on its base;

a handtruck configured to engage upon a water bottle in said platform to remove the water bottle from said platform without lifting or other manual engagement of the water bottle;

a cabinet configured to receive the water bottle and at least some of said handtruck, interengaging parts on said handtruck and in said cabinet to releaseably retain said handtruck with respect to said cabinet, and to releaseably retain the water bottle in a predetermined position in said cabinet;

a pump supported by said cabinet, said pump having a suction tube, said cabinet retaining said suction tube in alignment with the neck opening of the water bottle when the water bottle is in its predetermined position so that said suction tube can be inserted into the water bottle through its neck when the water bottle is in its predetermined position so that said pump can pump water therefrom.

2. The water-handling system of Claim 1 wherein said platform has separated supports therein, said supports being sized and positioned to support a water bottle with a space beneath the water bottle between said supports;

said handtruck having a shelf thereon sized to extend between said supports to engage under the water bottle so when said handtruck has its shelf positioned under the water bottle between said supports, said handtruck can be tilted to lift the water bottle off of said platform so that it is supported by said handtruck.

3. The water-handling system of Claim 2 wherein said handtruck has an upright direction and said shelf is at an angle with respect to said upright direction so that a water bottle on said handtruck is tilted with respect to said upright direction.

4. The water-handling system of Claim 3 wherein said shelf on said handtruck is at an angle with respect to the upright direction such that when said handtruck is positioned in the upright direction, the neck opening of the bottle is substantially over the lowest corner of the bottle.

5. The water-handling system of Claim 4 wherein said handtruck is in the upright position when said handtruck is engaged in said cabinet and said suction tube on said pump is positioned to extend down through the neck of the bottle to its lowest corner.

6. The water-handling system of Claim 2 wherein said handtruck has a frame, with a portion of said frame being in an upright position when said handtruck is engaged in said cabinet and a portion of said frame being at an angle with respect thereto so that the water bottle is in a tilted position when said handtruck is engaged in said cabinet.

7. The water-handling system of Claim 6 wherein said suction tube is a substantially straight suction tube, said suction tube being movable along its length up and down with respect to said cabinet, said suction tube being positioned so that it can be in a first, raised position for the insertion and removal of said handtruck with respect to said cabinet and can be lowered to a second position wherein said suction tube is inserted into a water bottle mounted in a tilted position on said handtruck.

8. The water-handling system of Claim 1 wherein said suction tube has a pump attached to its upper end and has a check valve at its lower end so that said pump can pump water out of the bottle on said handtruck in said cabinet.

9. The water-handling system of Claim 8 wherein said pump has an electric motor driving said pump.

10. The water-handling system of Claim 9 wherein there are electric contacts on said pump motor and there are electric contacts on said cabinet, said electric contacts being positioned to be in electrical contact when said suction tube is in its second position.

11. The water-handling system of Claim 10 wherein there is an electric circuit on said cabinet connected to said motor contacts, said electric circuit including at least one switch so that actuation of said switch energizes said motor when said suction tube is in its second position with said motor contact's engagement with said cabinet contacts.

12. The water-handling system of Claim 1 wherein said cabinet has sides and an open front, said handtruck being configured to place a water bottle supported thereon into said cabinet and to form a closure for at least part of said open front of said cabinet.

13. The water-handling system of Claim 12 wherein there is interlocking structure between said handtruck and said cabinet to releasably retain said handtruck with respect to said cabinet with a water bottle within said cabinet.

14. The water-handling system of Claim 13 wherein said releasable engagement structure comprises a crossbar within said cabinet between said sidewalls and a crossbar under said shelf of said handtruck so that said shelf crossbar engages over said crossbar in said cabinet.

15. A water-handling system comprising:
a platform configured to support at least one water bottle;
a handtruck configured to engage a water bottle on said platform and remove it from said platform;
a cabinet, said cabinet having an open front, said cabinet being configured to receive a water bottle on said handtruck and said handtruck being configured to substantially enclose the front of said cabinet so that a water bottle can be removed from said platform and placed in dispensing position within said cabinet.

16. The water-handling system of Claim 15 wherein there is engagement structure between said handtruck and said cabinet to releasably retain said handtruck with respect to said cabinet with the water bottle in dispensing position.

17. The water-handling system of Claim 15 wherein said handtruck is a 2-wheel handtruck.

18. The water-handling system of Claim 16 wherein said handtruck is in an upright position when said handtruck is engaged in said cabinet and said handtruck is configured to support the water bottle in a tilted position so that the neck of the water bottle is over the lowest corner of the water bottle, said cabinet having a dispensing tube which is aligned with the water bottle so that said dispensing tube can be moved from a raised position where it is above said water bottle to a lowered position where said dispensing tube extends through the neck of the bottle down to a lower corner within the bottle; and

further including a pump on said dispensing tube so that water can be dispensed from said bottle by actuation of said pump.

19. The water-handling system of Claim 18 wherein said pump is an electric motor driven pump and there is an energizing circuit connected to said electric motor, said circuit including contacts on said cabinet and contacts mounted with respect to said motor, said contacts being electrically connected when said dispensing tube is in its lowered position, and a switch connected to said contacts for controlling power to said electric pump to control the dispensing of water.

20. The water-handling system of Claim 18 wherein said suction tube is a substantially rigid suction tube, said suction tube having a foot check valve therein to prevent return of water from said pump into the bottle or cabinet interior, and said cabinet has a suction tube engaging lock, said lock being releasable to releasably retain said suction tube in its raised position during placement of a new water bottle into said cabinet.